

DC

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-113874

(43)Date of publication of application : 07.05.1996

(51)Int. Cl.

D06M 15/03
A01N 43/16
A01N 59/00
A01N 61/00
D06M 11/44
// D06M101:00

(21)Application number : 06-285772

(71)Applicant : TOYO KOGYO KK
TOYOBO CO LTD

(22)Date of filing : 13.10.1994

(72)Inventor : OZAWA TOSHIO
SHIOTANI TSUTOMU

(54) ANTIBACTERIAL TEXTILE PRODUCT AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To impart a textile product with durable antibacterial property, moisture-retaining property, ultraviolet-shielding property, etc., without damaging the human body or organisms.

CONSTITUTION: A textile product made of natural, regenerated or synthetic fibers is coated with a mixture or a composite material containing a water-soluble salt or oxide of a group Ib element (copper or silver), a group IIa element (magnesium or calcium), a group IIb element (zinc), a group IIIb element (aluminum) and/or a group IVb element (tin) of the periodic table, chitosan and a water-soluble (meth)acrylic acid-type polymer or its water-soluble salt as essential components.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office